



PATENT

Case Docket No. ORYXE.025A

Date: September 19, 2002

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

TECH CENTER 1600/2900

Applicant(s) : Jordan, Frederick L.
Appl. No. : 10/084,836
Filed : February 26, 2002
For : METHOD AND
COMPOSITION FOR USING
ORGANIC, PLANT-DERIVED,
OIL-EXTRACTED
MATERIALS IN RESID FUELS
FOR REDUCED EMISSIONS
Examiner : Unknown
Group Art Unit : 1645

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Office, P.O. Box 2327, Arlington, VA 22202, on

September 19, 2002

(Date)

Eric B. Ives, Reg. No. 50,928

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TRANSMITTAL LETTER

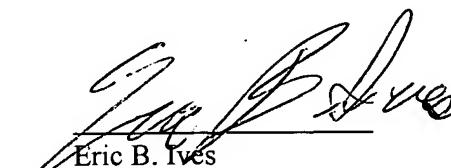
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ATTENTION: APPLICATION BRANCH

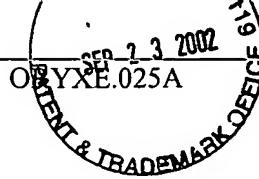
Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 with fifty two references.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.



Eric B. Ives
Registration No. 50,928
Agent of Record



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : JORDAN, Frederick L.) Group Art Unit 1601
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 DERIVED, OIL-)
 EXTRACTED MATERIALS)
 IN RESID FUELS FOR)
 REDUCED EMISSIONS)
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INFORMATION DISCLOSURE STATEMENT

United States Patent and Trademark Office
 P.O. Box 2327
 Arlington, VA 22202

Dear Sir:

Enclosed is form PTO-1449 listing references that are also enclosed. This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 9/19/2002

By: Eric B. Ives

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	AFRY-DOCKET NO. ORYXE.025A	APPLICATION NO. 10/084,836
	APPLICANT Frederick L. Jordan	GROUP 1645
	FILING DATE February 26, 2002	

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
/	2,818,417	12/31/57	Brown et al.			
/	3,018,247	01/23/62	Anderson et al.			
/	3,438,757	04/15/69	Honnen et al.			
/	3,524,909	08/18/70	Braus et al.			
/	3,655,833	04/11/72	Eggensperger et al.			
/	3,920,661	11/18/75	Ramey et al.	260	270	
/	3,941,745	03/02/76	Dexter et al.	260	45.8 NT	
/	3,991,012	11/09/76	Ramey et al.	260	45.75 N	
/	4,000,113	12/28/76	Stephen	260	45.8 N	
/	4,007,157	02/08/77	Ramey et al.	260	45.8 N	
/	4,051,102	09/27/77	Ramey et al.	260	45.8 N	
/	4,077,941	03/07/78	Stephen et al.	260	45.75 N	
/	4,081,475	03/28/78	Spivack	560	55	
/	4,089,842	05/16/78	Ramey et al.	260	45.75 C	
/	4,093,586	06/06/78	Stephen	260	45.8 N	
/	4,191,682	03/04/80	Ramey et al.	260	45.8 N	
/	4,191,829	03/04/80	Ramey et al.	546	222	
/	4,207,229	06/10/80	Spivack	260	45.8 NT	
/	4,231,759	11/04/80	Udelhofen et al.	44	75	
/	4,270,930	06/02/81	Campbell et al.	44	71	
/	4,274,835	06/23/81	Jordan	44	1 SR	
/	4,670,021	06/02/87	Nelson et al.	44	66	
/	4,734,519	03/29/88	Dunski et al.	560	75	
/	4,806,675	02/21/89	Dunski et al.	560	75	
/	5,024,775	06/18/91	Hanlon et al.	252	52 R	
/	5,076,814	12/31/91	Hanlon et al.	44	450	

EXAMINER	DATE CONSIDERED
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*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

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<p style="text-align: right;">P E FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(USE SEVERAL SHEETS IF NECESSARY)</p>			ATTY. DOCKET NO. ORYXE.025A	APPLICATION NO. 10/084,836
			APPLICANT Frederick L. Jordan	RECEIVED SEP 27 2002 TC 1700
			FILING DATE February 26, 2002	GROUP 1645

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
/	5,826,369	10/27/98	Jordan	44	308	
/	6,193,766	02/27/01	Jordan	44	308	
/	4,504,499	3/12/85	Finnan, J.L.			

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
/	WO0179398	25/10/01	PCT	C10L	1/18		

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

/	"Oxidative Stability Index of Vegetable Oils in Binary Mixtures with Meadowfoam Oil," Terry, et al., United States Department of Agriculture, Agricultural Research Service, 1997.
/	Scita, G. (1992) "Stability of β -Carotene under Different Laboratory Conditions". <i>Methods in Enzymology</i> , 213:175-185 Academic Press, Berkeley, CA
/	Scita, G. (1992) "Stability of β -Carotene under Different Laboratory Conditions". <i>J. Natr. Biochem.</i> 3(3):124-8
/	Papadapoulous, K and Ames, J. (1995) "Proposal fo a mechanism for the inhibition of all-trans- β -cartontene autoxidation at elevated temperature by N-(2-phenylethyl)-3,4-diphenylpyrrole", <i>Food Chemistry</i> 54:251-253.
/	Papadopoulou, K. and Ames, J. (1994) "Kinetics of all-trans- β -Carotene Degradation of Heating with and without Phenylalanine" <i>JAOCS</i> 71:893-896
/	Papadopoulou, K. and Ames, J. (1994) "Thermal Degrdtion of All-Trans- β -Carotene in the Presence of Phenylalanine" <i>J Sci Food Agric</i> 65:373-379
/	Hattori et al., (1995) " β -Lactoglobulin Protects β -Ionone Related Compounds from Degradation by Heating, Oxidation, and Irradiation." <i>Biosci. Biotech. Biochem.</i> 59(12):2295-2297
/	Berset, C. and Marty, C. (1992) "Formation of Nonvitable Compounds by Thermal Degradation of β -Carotene: Protection by Antioxidants." <i>Methods in Enzymology</i> 213:129-142.
/	Berset, C. and Marty, C. (1986) "Use of β -carotene in extrusion-cooking. control of extrusion product color during storage" <i>Ind. Aliment. Agric.</i> 103(6), 527-32 (Published in French)
/	Arya et al. (1979) "Stability of β -carotene in isolated systems" <i>J. Fd. Technol</i> 14:571-578
/	Desobry et al. (1997) "Comparison of Spray-drying, Drum-drying and Freeze-drying for β -Carotene Encapsulation and Preservation" <i>Journal of Food Scince</i> 62:1158-1162
/	Desorby et al. (1999) "Influence of Maltodextrin Systems at an Equivalent 25DE on Encapsulated β -carotene Loss During Stroage" <i>Journal of Food Processing Preservation</i> 23:39-55
/	Selim et al. (2000) 'Kinetic studies of degradation of saffron carotenoids encapsulated in amorphous polymer matrices." <i>Food Chemistry</i> 71:199-206

EXAMINER	DATE CONSIDERED
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*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

<p>U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE <i>SEP 23 2002 JC118</i> INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)</p>	ATTY. DOCKET NO. ORYXE.025A	APPLICATION NO. 10/084,836	RECEIVED
	APPLICANT Frederick L. Jordan		SEP 26 2002
	FILING DATE February 26, 2002	GROUP 1645	TECH CENTER 1600/2900

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)		
I	Wagner, L.A. and Warthesen, J.J. (1995) "Stability of spray-dried Encapsulated Carrot Carotenes" <i>Journal of food Science</i> 60(5):1048-1053		
I	Desobry et al. (1998) "Preservation of β -carotene from Carrots" <i>Critical Reviews in Food Science and Nutrition</i> 38(5):381-396		
I	Jernas, B. (1981) "Study of the effect of some antioxidants on the stability of β -carotene in an ointment containing extracts from Flos arnicae and Herba calendulae" <i>Herba Pol.</i> 27(1):39-43 Inst. Przem. Zielarskiego, Pozan, Pol. (Published in Polish)(Abstract)		
I	Ochi et al. (1990) "Effects of tocopherols on deterioration of cookies blended with vegetables" <i>Nippon Shokuhin Kogyo Gakkaishi</i> . 37(1):39-44 Fac. Home Econ. Sci., Tokyo Kasei Univ., Tokyo, Japan (Published in Japanese)(Abstract)		
I	Zhedenk et al. (1970) "Tetrahydroquinone derivatives as feed antioxidants" <i>Sin. Issled. Eff. Khim. Polim. Mater</i> 4:283-8 (Published in Russian)(Abstract)		
I	Zhedenk et al (1971) "Synthesis and inhibiting properties of 3,4-dihydrosantoquin" <i>Zh. Prikl. Khim. (Leningrad)</i> 44(11):2599-600 (Published in Russian) (Abstract)		
I	Alekseev et al. (1972) "Inhibition of β -carotene oxidation in an aromatic solvent" <i>Izv. Akad. Nauk SSSR, Ser. Khim.</i> 2:312-16 (Published in Russian) (Abstract)		
I	Alekseev et al. (1973) "Kinetics and mechanism of oxidation and stabilization of β -carotene" <i>Vitam. Vitam. Prep.</i> 232-40 (published in Russian) (Abstract)		
I	Zhedenk et al. (1971) "Efficient search for new antioxidants as stabilizers of carotene in dehydrated feeds" <i>Fiziol.-Biokhim. Osn. Povysh. Prod. Sel'skokhoz. Zhivotn.</i> 232-41 (Published in Russian)(Abstract)		

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